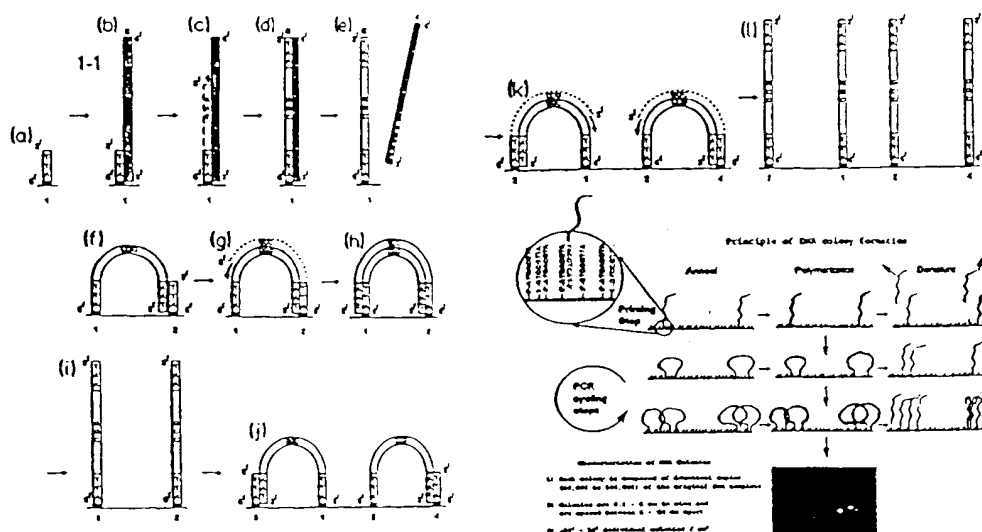


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(54) Title: METHOD OF NUCLEIC ACID AMPLIFICATION



(57) Abstract

A nucleic acid molecule can be annealed to an appropriate immobilised primer. The primer can then be extended and the molecule and the primer can be separated from one another. The extended primer can then be annealed to another immobilised primer and the other primer can be extended. Both extended primers can then be separated from one another and can be used to provide further extended primers. The process can be repeated to provide amplified, immobilised nucleic acid molecules. These can be used for many different purposes, including sequencing, screening, diagnosis, *in situ* nucleic acid synthesis, monitoring gene expression, nucleic acid fingerprinting, etc.